Claims

1. A method of stacking refrigerated shipping containers comprising:

categorizing a plurality of refrigerated shipping containers as a low temperature container or a high temperature container, each of the refrigerated shipping containers having a condenser; and

disposing the plurality of refrigerated shipping containers relative to each other based on the temperature categorization of the refrigerated shipping containers and based on the locations of the plurality of condensers.

2. The method of claim 1, further comprising determining a dominant wind direction of ambient air surrounding the refrigerated shipping containers.

3. The method of claim 2, wherein the refrigerated shipping containers categorized as high temperature containers are disposed on top of the refrigerated shipping containers categorized as low temperature containers if no dominant wind direction is determined.

4. The method of claim 1, wherein the refrigerated shipping containers categorized as high temperature containers are disposed on top of the refrigerated shipping containers categorized as low temperature containers if no dominant wind direction is known.

5. The method of any of the preceding claims, further comprising disposing at least one refrigerated shipping container that operates under continuous refrigeration on top of the refrigerated shipping containers categorized as high temperature containers if no dominant wind direction is determined or if no dominant wind direction is known.

6. The method of claim 2, wherein the refrigerated shipping containers categorized as high temperature containers are disposed down wind of the refrigerated shipping containers categorized as low temperature containers based on the dominant wind direction determined.

7. The method of claim 6, further comprising disposing at least one refrigerated shipping container that operates under continuous refrigeration down wind of the refrigerated shipping containers categorized as high temperature containers based on the dominant wind direction determined.

8. A method of stacking refrigerated shipping containers comprising:

determining a flow profile of heated air exhausted from a plurality of condensers of a plurality of refrigerated shipping containers; and

disposing the plurality of refrigerated shipping containers relative to each other based on the locations of the plurality of condensers.

9. The method of claim 8, wherein disposing the refrigerated shipping containers comprises avoiding disposing two condensers in adjacent rows.

10. The method of claim 8, wherein disposing the refrigerated shipping containers comprises disposing two condensers in adjacent rows and at different stacked heights.

11. The method of claim 8, wherein disposing the refrigerated shipping containers comprises maximizing the spacing between the condensers in a width-wise direction.

12. The method of claim 8, wherein disposing the refrigerated shipping containers comprises maximizing the spacing between the condensers in a height-wise direction.

13. The method of any of claims 8-12, further comprising disposing the refrigerated shipping containers in end rows of a stacked formation.

14. The method of claim 13, wherein the condensers are facing open air.

15. The method of any of claims 8-14, further comprising disposing the refrigerated shipping containers at a top position of a stacked formation.

16. A computer program product stored on a computer readable storage medium for determining a stacked formation of refrigerated shipping containers comprising:

a medium for receiving an input regarding a container temperature of a plurality of refrigerated shipping containers;

the medium comparing the input to stored parameters to categorize the plurality of refrigerated shipping containers in a first temperature container category or a second temperature container category, each of the refrigerated shipping containers having a condenser; and

the medium outputting a recommended stacked formation of the refrigerated shipping containers based on the temperature categorization of the refrigerated shipping containers and based on the locations of the plurality of condensers.

17. The computer program product of claim 16, wherein the first temperature container category is a low temperature container category.

18. The computer program product of claim 17, wherein the second temperature container category is a high temperature container category.